



# REPORT

of M.Auezov South Kazakhstan University  
on sustainable development for 2019-2021



**Green AUEZOV**



## 5. Transportation

The total number of vehicles (cars and motorcycles) divided by total campus' population

No.	Vehicle	Total Number
1	Car managed by the university	16
2	Cars entering the university	120
3	Motorcycles entering the university	0
	Total	136

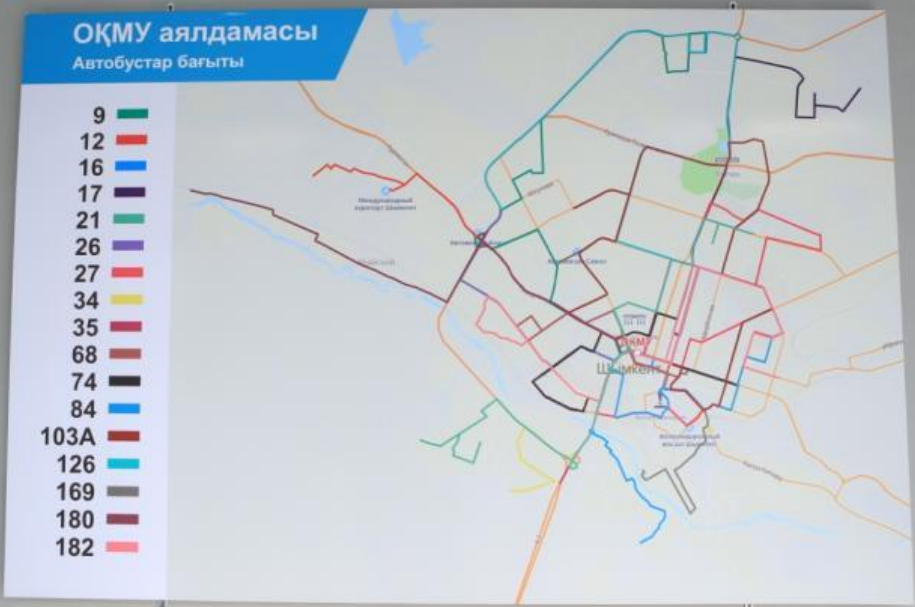
$$5.4 = 136 / 6778 \text{ (population)} = 0.02$$

### Shuttle Services



Shuttle Services ("Smart" Bus Stop near the main building of Campus 1)







Public Transportation Bus Stop Near Campus 6

City buses run near each campus within the city center. They are accessible to most students and university staff. Public transport is also represented by fixed-route taxis.

M.Auezov South Kazakhstan University takes care of students and staff who commute to the Campus every day. Therefore, together with the Akimat of the city of Shymkent, the “Smart Bus Stop” Project was implemented, inside which all citizens can wait out the bad weather, or a hot day under air conditioning. Inside the bus stop there are comfortable benches and free Wi-Fi. The wall shows the bus timetables, and each route is highlighted with a separate map.

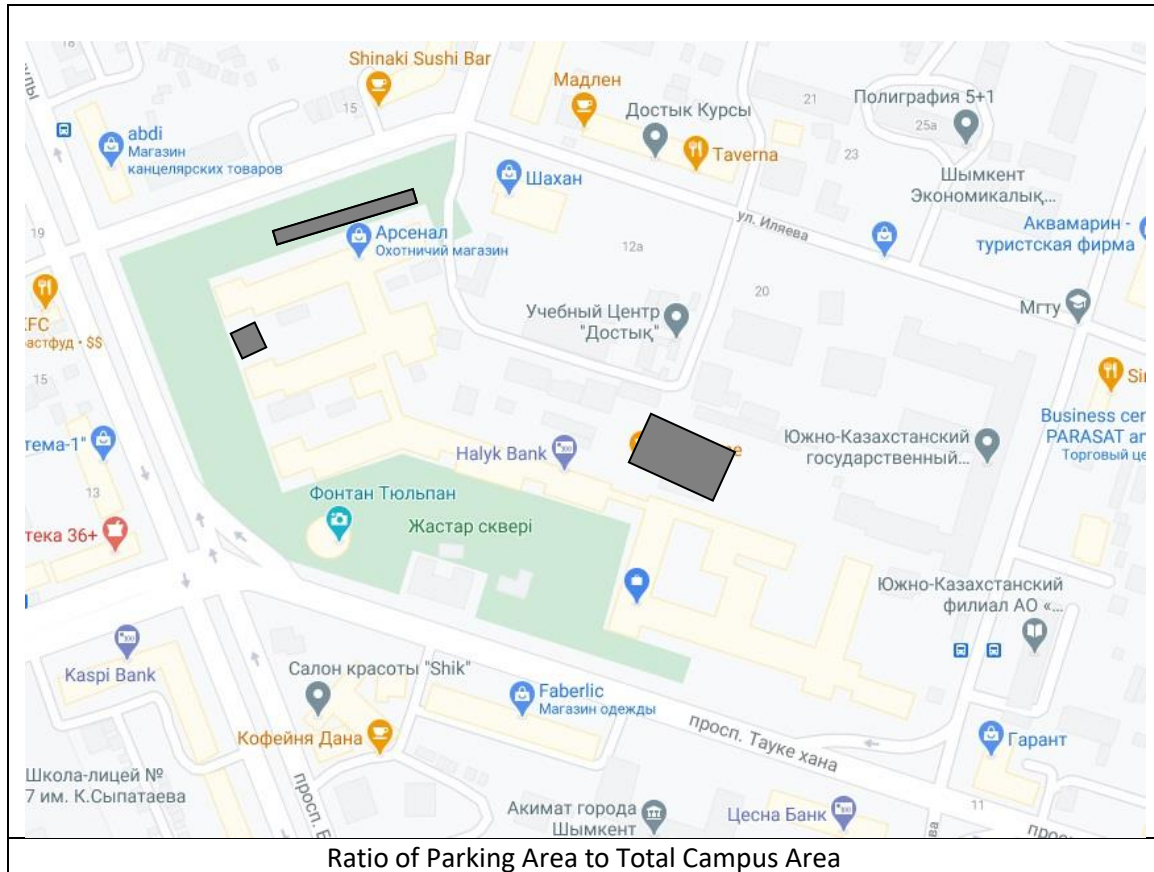
## Zero Emission Vehicles (ZEV) Policy on Campus



Bicycles near Building 4 for use inside Campus 1

Inside the campuses of the M. Auezov South Kazakhstan University, you can move around both on foot and on bicycles, scooters, scooters, etc. Paths for movement are fenced from the carriageway for cars by curbs and limiters. The university encourages both students and staff to walk and cycle. For this, the university organized a bicycle rental.

## Ratio of Parking Area to Total Campus Area



Total main campus area: 147 511 m<sup>2</sup>

Total parking area = 6504m<sup>2</sup> (542 spaces\*12m<sup>2</sup> per space).

Ratio = 0.044

**Program to limit or decrease the parking area on campus for the last 3 years  
(from 2018 to 2020)**



University barriers to restrict vehicles from entering the campus



Free Bicycle for rent





Disabled parking



Automatic entry and exit to the university territory using a smart card

M.Auezov South Kazakhstan University program to limit or reduce parking on campus over the past three years (from 2018 to 2020)

Name of the event	Planned result
1. Install additional parking gates	Reducing vehicles on campus
2. Designate parking for teachers and disabled people	
3. Entry to the territory from the terminal with a smart card	
4. Issue smart cards to staff and top students	
5. Do not park vehicles with CNG engines	Emergency Prevention

## Number of Transportation Initiatives to Decrease Private Vehicles on Campus



Bicycle to rent on campus



Pedestrian paths are available, and design for safety

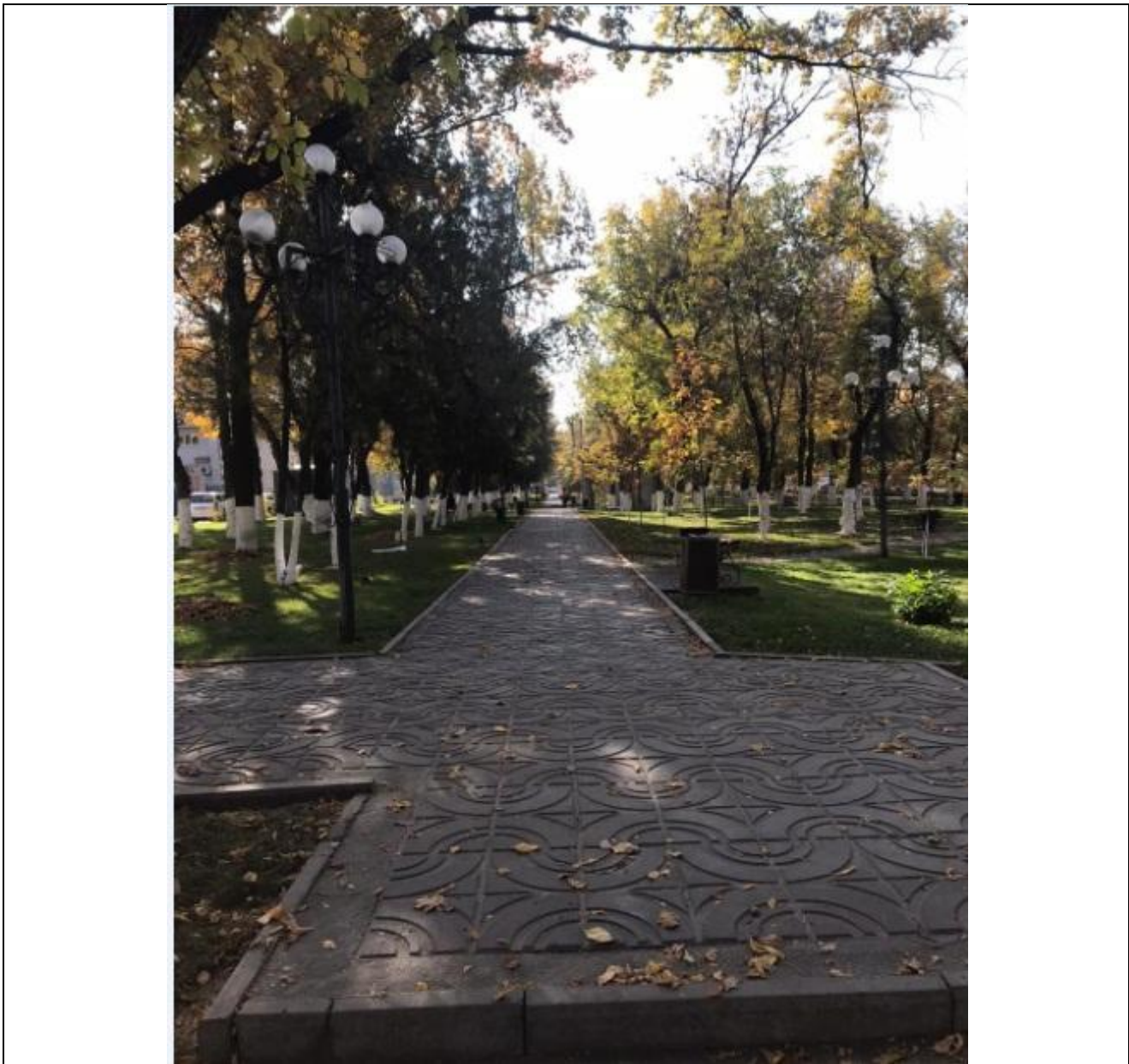


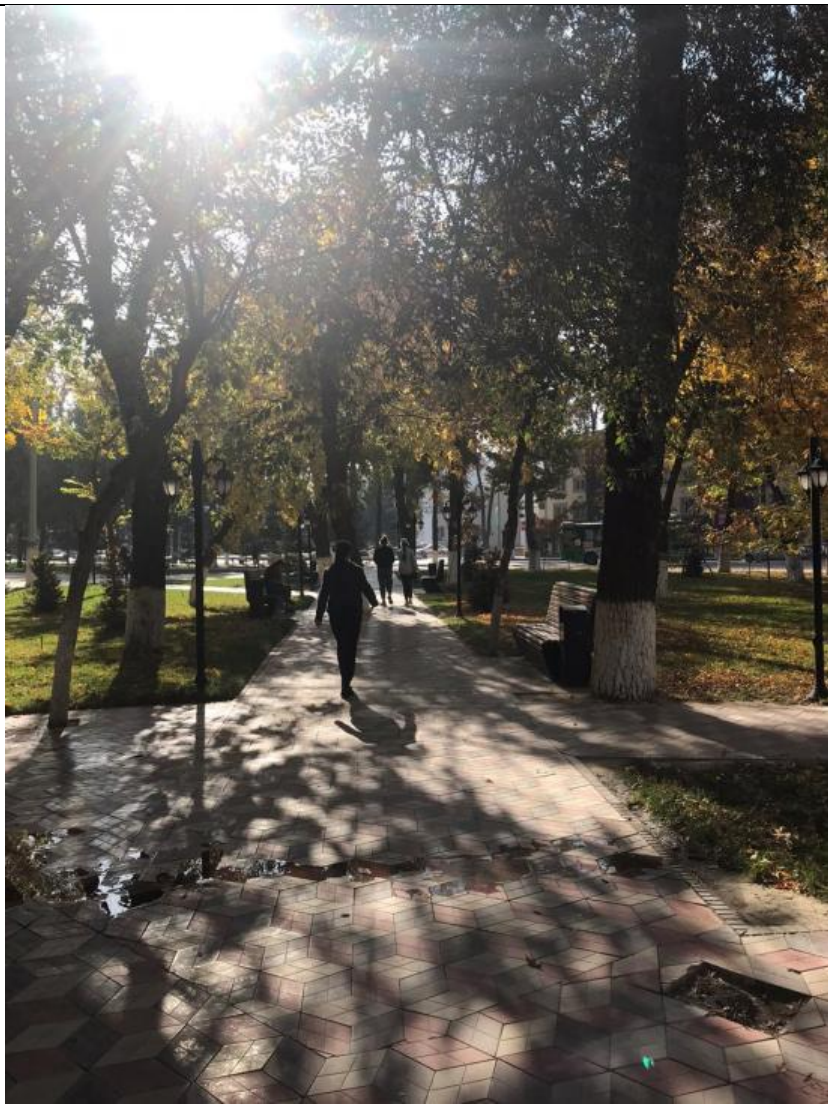
"Smart Bus Stop" for Public Transportation Near Campus 1

1. Walking on the paths inside the campus
2. Car parking fees
3. "Smart Bus stop" for Public transport near Campus 1. Bus stops each campus within the city center
4. Bicycle to rent on campus
5. Car sharing by university staff

## Pedestrian Path Policy on Campus









Pedestrian path in University







1. Separator between road for vehicle and pedestrian path.
2. Ramps and guiding blocks which have suitable design for pedestrian having physical disabilities.
3. Street lamps for pedestrian in night. The university has 192 street lights for lighting. They use LED (18) and energy saving (174) lamps.